

Title (en)
HYDRODYNAMIC RETARDER WITH AN AXIALLY DISPLACEABLE ROTOR

Title (de)
HYDRODYNAMISCHER RETARDER MIT AXIAL VERSCHIEBBAREM ROTOR

Title (fr)
RALENTISSEUR HYDRODYNAMIQUE A ROTOR DEPLACABLE AXIALEMENT

Publication
EP 0958464 B1 20031008 (DE)

Application
EP 97953795 A 19971212

Priority

- DE 19704304 A 19970206
- DE 19704407 A 19970206
- EP 9706976 W 19971212

Abstract (en)
[origin: WO9835170A1] The invention relates to a hydrodynamic retarder with a rotor housing (1.0) comprising a rotor (2.0) and a stator housing (3.0) comprising a stator (4.0), wherein the rotor and stator housings are interconnected in such a way that a gap is formed between the rotor and the stator and the retarder comprises means enabling axial displacement of the stator in relation to the rotor. The invention is characterized in that the means enabling axial displacement comprise means for automatically shifting the stator from a first position to a second position.

IPC 1-7
F16D 57/04

IPC 8 full level
B60T 1/087 (2006.01); **F16D 57/04** (2006.01)

CPC (source: EP KR)
B60T 1/087 (2013.01 - EP); **F16D 57/02** (2013.01 - KR); **F16D 57/04** (2013.01 - EP)

Cited by
DE102015207851A1; DE102015207850A1; DE102014226209A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 9835170 A1 19980813; AU 5756898 A 19980826; AU 5756998 A 19980826; DE 59710840 D1 20031113; DE 59711116 D1 20040122; EP 0958463 A1 19991124; EP 0958463 B1 20031210; EP 0958464 A1 19991124; EP 0958464 B1 20031008; JP 2001510541 A 20010731; JP 2001510542 A 20010731; JP 3980071 B2 20070919; JP 3980072 B2 20070919; KR 20000070772 A 20001125; KR 20000070773 A 20001125; WO 9835171 A1 19980813

DOCDB simple family (application)
EP 9706975 W 19971212; AU 5756898 A 19971212; AU 5756998 A 19971212; DE 59710840 T 19971212; DE 59711116 T 19971212; EP 9706976 W 19971212; EP 97953794 A 19971212; EP 97953795 A 19971212; JP 53360098 A 19971212; JP 53360198 A 19971212; KR 19997007032 A 19990804; KR 19997007033 A 19990804